MarNIS contribution to e-Maritime

ECASBA

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Brussels

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Maritime Transport Policy: Internal Market, Ports, Short-Sea Shipping. Inland Waterways
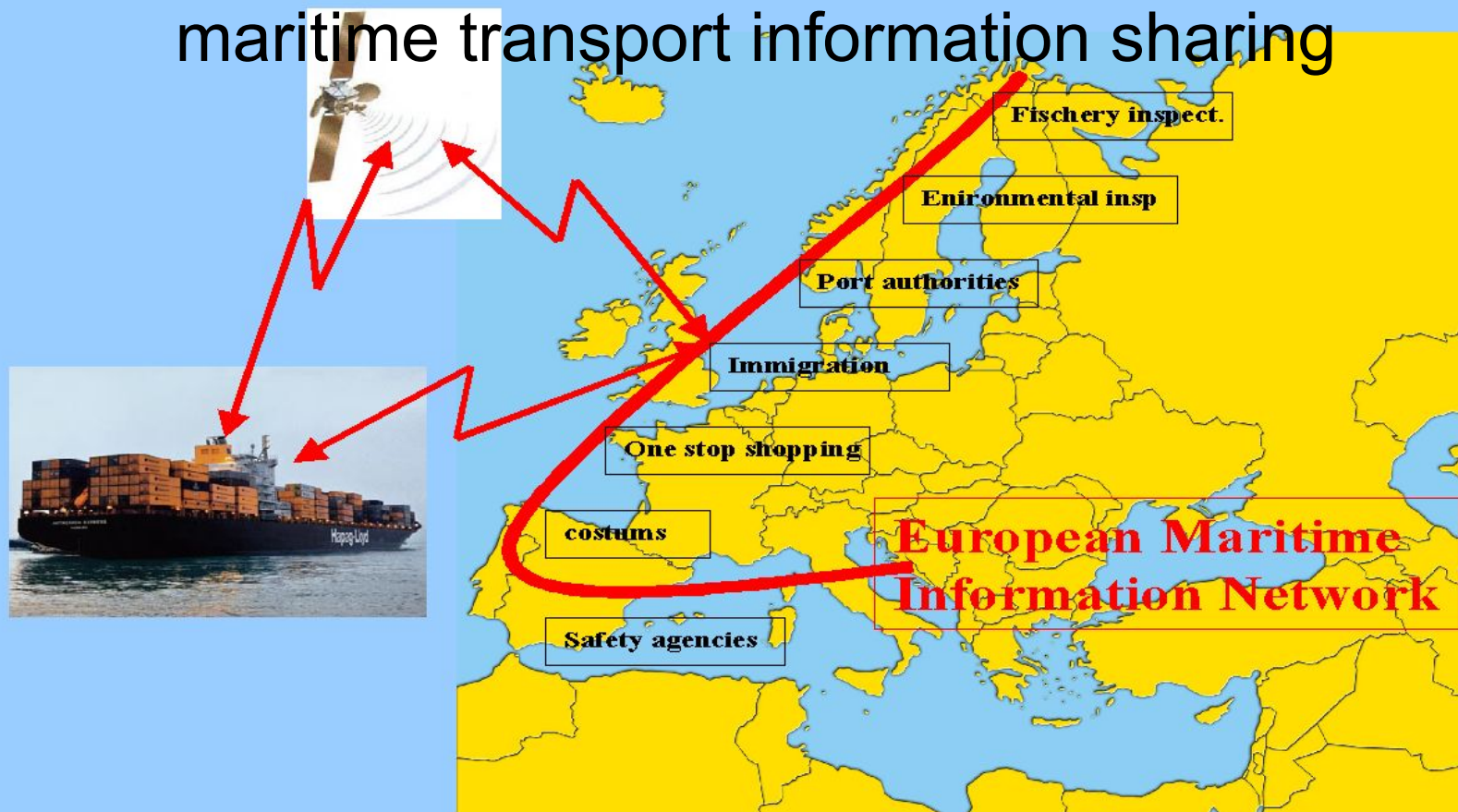
European Commission, DG Transport and Energy

MarNIS

Objectives

- Improve safety, efficiency of maritime transport and the protection of the environment;
- Improve efficiency and reliability of information flows;
- Propose administrative, organisational and procedural changes;
- Propose new legislation and updates for the existing one.

MarNIS

E-maritime: electronic capabilities for efficient maritime transport information sharing

Fischery inspect.

Enironmental insp

Port authorities

Immigration

One stop shopping

costums

European Maritime Information Network

Safety agencies

MarNIS Integrated approach

VTM assessment tools for ports
- VTM assessment tools for ports
- Pilot decision support Tools
- Port Resource Planning

MOS
- MOS (Maritime Operational Services)
- High Risk Vessels
- Dynamic Maritime Risk Areas

Maritime Information Management

E-maritime

Port Traffic Management

Traffic measures at sea

- SafeSeaNet[++]
- Single Window concept
- e- Port Clearance
- Port Entry Profiles
- PCS/CCS/RIS
- MarNIS node

- Voyage planning
- Emergency response on board
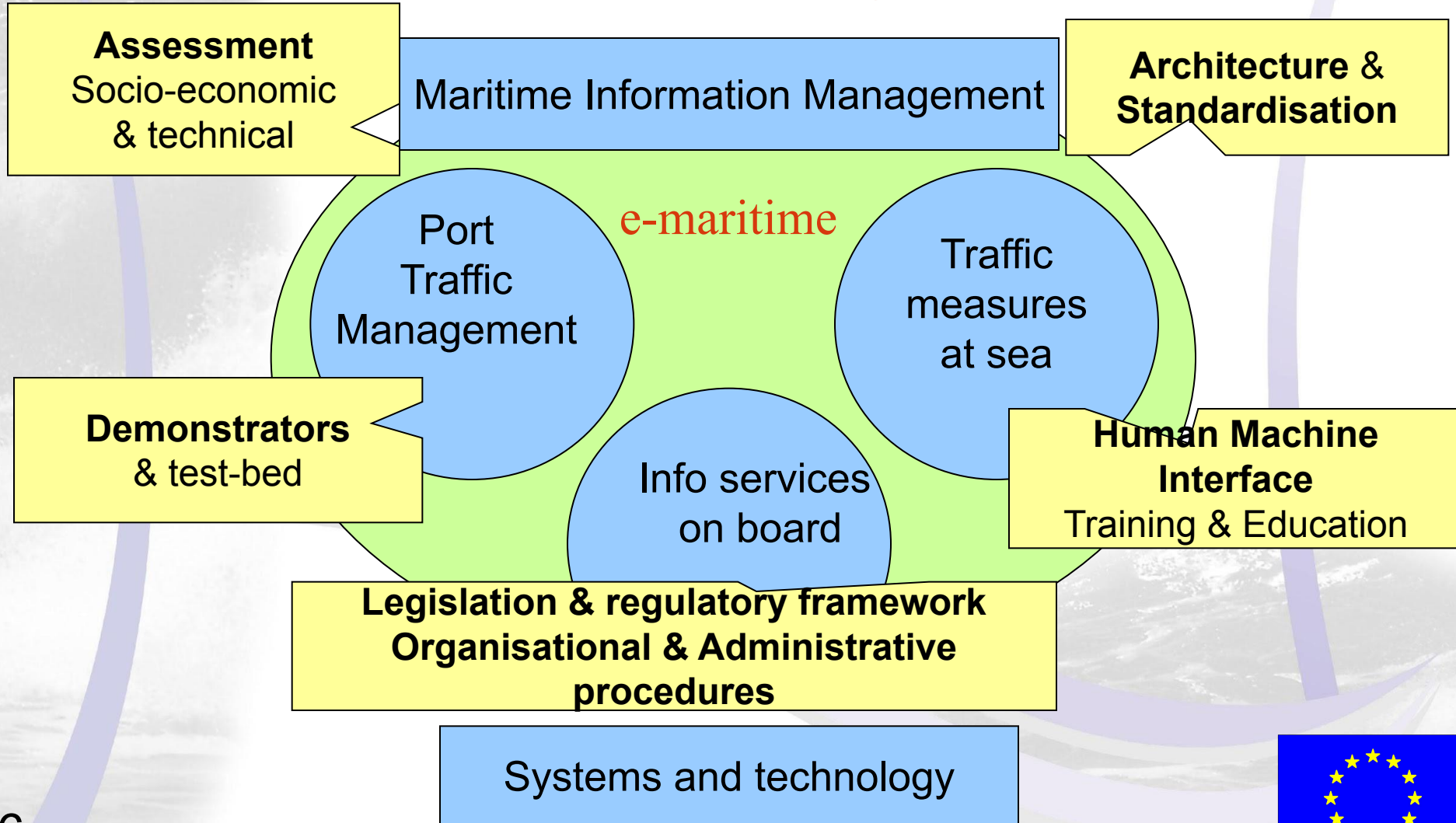- Ship-borne external information flows

Info services on board

- LRIT and AIS
- Earth Observation
- E-navigation services (ECDIS, Hydro meteo)
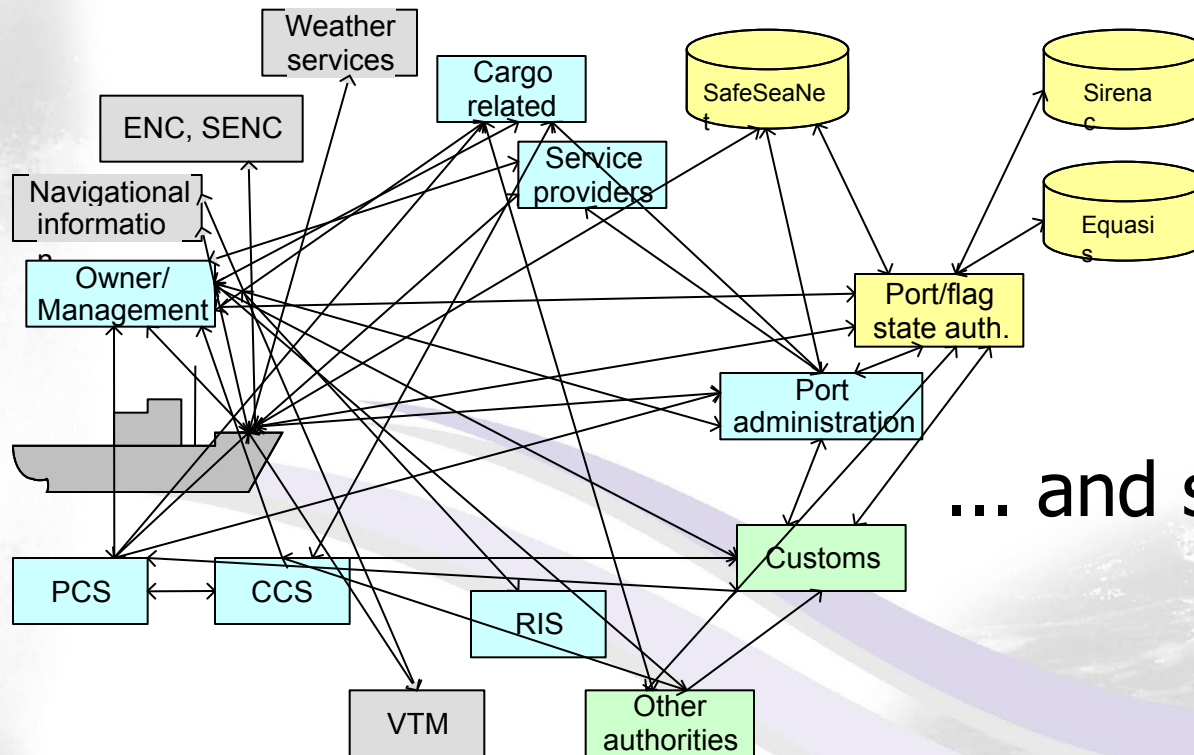- Broad Band comm. Platform

Systems and technology
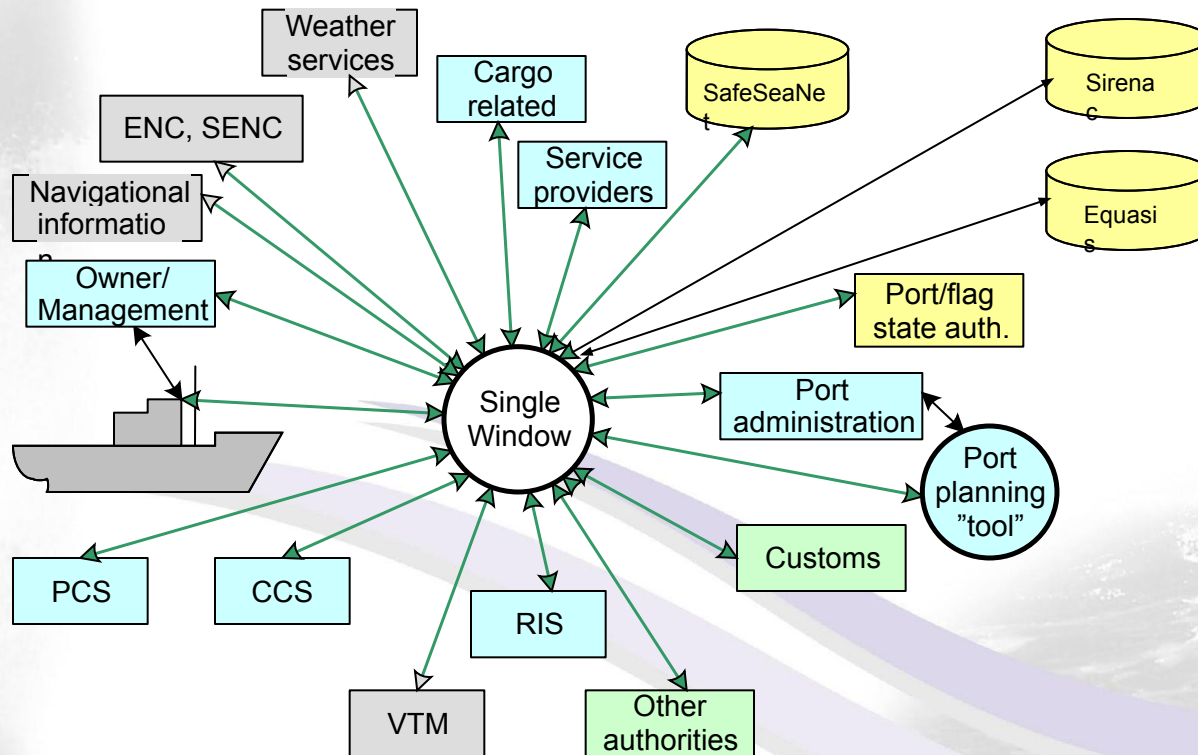
MarNIS Supporting activities

Assessment
Socio-economic & technical

Maritime Information Management

Architecture & **Standardisation**

e-maritime

Port Traffic Management

Traffic measures at sea

Demonstrators
& test-bed

Info services on board

Human Machine Interface
Training & Education

Legislation & regulatory framework Organisational & Administrative procedures

Systems and technology

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Today's information flow

... and still not all!

MarNIS

Maritime Information Management goals

MarNIS

www.marnis.org

Thank you for your attention